

LEARNING INTENTIONS

Tell us what the FOCUS for learning is...

‘We are learning to...’

It is important that we **understand** the words used in learning intentions. We need to analyse and define the verbs that are used
(this can help us to form the success criteria!)

Find out by
using a mathematical formula

Volume is the amount of space filled
by something

WALT **calculate** the **volume**
of a **rectangular prism**

A solid rectangular shape with ends
that are equal and parallel

Now we can formulate our SUCCESS CRITERIA...

WASW We: can **explain** and **apply** the
formula for volume, **write down** a
strategy to remember, and always remember to
use the little '3'

Success Criteria is HOW you will PROVE your understanding

Note: you can't say '*I will be successful when I understand*' because
'understanding' as a verb cannot be measured.

HOW can you PROVE you understand? USE THE MEASURABLE VERBS AROUND THE WHITEBOARD

draw

define

explain

construct

name

rewrite

analyse

SUCCESS CRITERIA

**Tell us HOW we will achieve the learning
intention...**

‘We will PROVE our understanding BY...’

We cannot say ‘*we are successful when we understand*’ because we can’t measure understanding. You need to use **measurable verbs**.

LEARNING REFLECTIONS

**Are SELF-REFLECTIONS where you reflect on
your learning...**

(and state whether or not you have achieved the learning intention)...

WHEN WRITING A REFLECTION...

You... go back to the learning intention and success criteria, and you ask yourself whether or not you think you have achieved this. Have you met all the success criteria?

‘I have achieved the learning intention today because I can...’

‘I have not achieved the learning intention yet. I can... But I need more help with...’

YOU SET OUT YOUR REFLECTIONS THE FOLLOWING WAY...

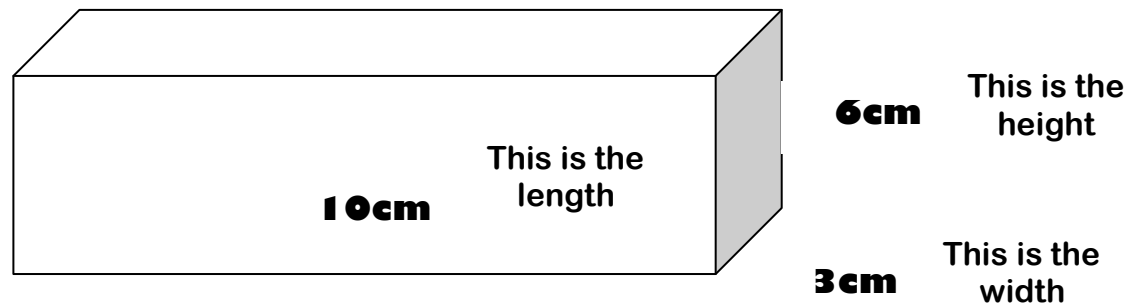
I learnt... (when you give a statement you need to back it up with an example)

I enjoyed...

Something that challenged my thinking...

My next learning step is...

Today I learnt the formula for working out volume. The formula is $L \times W \times H$. This means length multiplied by width multiplied by height. I can use this formula when I work out the volume of a rectangular prism. *For example:*



$$\text{So } 10 \times 3 \times 6 = 180\text{cm}^3$$

I enjoyed learning about the 'little 3' and what it means. It means that we are working with a 3 dimensional shape, and that the 3 dimensions are length, width and height.

Something that challenged my thinking was when there were really big numbers! It got tricky trying to multiply these. **My next learning step** is to see if I can work out the volume when some side measurements have not been given. I would like to plan and teach a workshop on this because I think I have achieved the learning intention today.

